



COLORADO SPRINGS,
COLORADO



AUGUST 1992

PIKES PEAK RADIO AMATEUR ASSOCIATION, INC.
P.O. BOX 16521
COLORADO SPRINGS, COLORADO 80935



FIRST CLASS MAIL



Ø BEAT



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* Denotes first year of a two year term.

ZERO BEAT is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., P.O. Box 16521, Colorado Springs, Colorado 80935. For membership and subscription information see last page of this publication. The Pikes Peak Radio Amateur Association meets on the second Wednesday of each month at the Elk's Lodge, 3400 North Nevada Ave. at 7 p.m.

EDITOR: Ron Deutsch NK0P 4305 Ridgeline Drive, Colorado Springs, Colorado 80918 (719) 593-8352.

Deadline for submission of articles or ads is the 21st of each month. Submissions may be sent to the editor or to the club mail box. Permission to reprint articles is granted provided credit is given to both the author and this publication.

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ARN'S

Shocking Electrical Facts

What in the world is electricity and where does it go after it leaves the toaster?

You can do a simple experiment to learn something about electricity. On a cool dry day, scuff your feet on the carpet and reach your finger into a friend's mouth and touch a filling.

Did he twitch violently and cry out? Good. You've learned that electricity is a powerful force that shouldn't be used to cause pain unless there's a lesson to be learned.

You also learned about closed circuits. When you scuffed your feet, they picked up electrons. Electrons are small objects that manufacturers weave into their carpets so they will attract dirt. The electrons traveled through your bloodstream and collected on your finger, where they sparked onto your friend's filling and traveled through his bloodstream to his feet and back to the carpet—completing the circuit.

Although in this age we take electric lights, radios, mixers, etc. for granted, hundreds of years ago people did not have such things. That was just as well, because they didn't have anyplace to plug them into anyway.

Then along came electrical pioneer Benjamin Franklin, who flew a kite in a storm—a shocking experience. He learned that lightning has the same force as a carpet, but he also suffered brain damage. After that, he started speaking only in maxims like

"A penny saved is a penny earned." Eventually, he was silenced by making him a bureaucrat—he was given a post office to run, which explains ... well, you know all about the post office.

Later, a herd of other electrical pioneers appeared and soon became part of the terminology: Myron Volt, Mary Louise Amp, James Watt, Bob Transformer, Chris Diode, etc.

They also performed a lot of experiments. For instance, Luigi Galvani discovered that when he attached two different kinds of metal to a dead frog's leg, the leg twitched (this is the truth, and it works on live frogs even better!). Galvani's discovery led to advances in the field of amphibian medicine. Today skilled veterinary surgeons can implant pieces of metal in the muscles of an injured frog and then watch it jump back into the pond—just like a healthy frog. Unfortunately, the added weight causes it to sink like a stone—but the science is good so the operation's a success.

The greatest electrical pioneer was Thomas Edison, a brilliant inventor despite a lack of formal education and despite his living in New Jersey. Edison's first major invention, in 1877, was the phonograph. It soon found its way into thousands of American homes, where it sat until 1923 when the first record was invented.

But Edison's greatest achievement came in 1879 when he invented the electric company. Edison's design is as brilliant as his electric lights. It's an adaptation of the simple closed circuit. The electric company sends electricity through a wire to a customer, who immediately gives it back via another wire. Then, and this is the brilliant part, the company sends it right back again, selling the same product over and over each time it passes through the customer's hands (figuratively speaking).

And since that time, very few customers have examined their electricity closely enough to detect the fraud; they just blissfully pay their electric bills. Surely no underwater Florida land scam can top that!

In fact, the last year in which electricity was manufactured in the United States was 1937. Since then, the electric companies have simply been re-selling the same old stuff, which is why they have so much free time to apply for rate increases.

Today—thanks to Franklin, Edison and Galvani's frog—we enjoy many benefits from electricity. For example, scientists have developed lasers that produce a beam of light powerful enough to vaporize a bulldozer. Lasers can also be used to perform operations on the human eyeball.

It's only necessary to remember to change the power setting from "bulldozer" to "delicate."

—adapted from story in BCARA "Tell-A-Ham", August 1991 issue. The author is unknown.

"The View from the Peak" by George Hinds, N8CIX

Ham Radio - a back-country lifesaver.

Many hikers, mountain bikers and skiers who roam the back country of the Rocky Mountain west are awakening to the value of Amateur Radio as a tool that holds the potential to bring help in life-threatening situations. No other form of personal communication readily available in remote places has the range of amateur radio to reach out for help. When in out-of-the-way places, a small walkie-talkie can often reach out for aid via one of the thousands of ham radio relay stations in service nationwide.

Despite it being a rather small county, four such stations are located in Teller County; Colorado has scores of repeater stations.

Nowadays, thousands of new entrants range in age from 8 to 80; they are joining the ranks of licensed amateur radio (Ham) operators. When the Federal Communications Commission created a new class of license in March 1991 that did not require learning the Morse Code, it opened the door of this fascinating service and hobby to many who previously had felt they could not master the code requirement. From March 1991 through the end of the year, more than 47,000 new licenses were issued by the FCC. That's a growth rate of 73% and demonstrates that, with some study and perseverance, most folks can pass the examination and receive a license.

Ham Radio is increasingly being used extensively by search and rescue teams nationwide. Teller Co. Search and Rescue has many members who are licensed ham radio operators, as has El Paso Co. SAR. It has proven its value many times over to the teams when operating in the field. The Civil Air Patrol is encouraging its members to become amateur radio operators, too, so as to be able to use the network of ham radio repeater stations.

Surely there is no better time for you, as a licensed amateur radio operator, to encourage members of your family and friends to become a licensed amateur. The necessary information to pass the codeless license examination is readily available in low-cost manuals available at most stores selling electronic supplies. Becoming a licensed ham operator could be the smartest move one can make from the standpoint of personal safety. Obviously that's especially true for those who are into outdoor and back-country activities.

If you know someone who once thought about becoming a ham radio operator, remind them that age is no barrier; the restriction on entry imposed by the Morse Code requirement has been swept away. There's no time like the present to join in the "fun and games" of amateur radio.

Fox Hunting

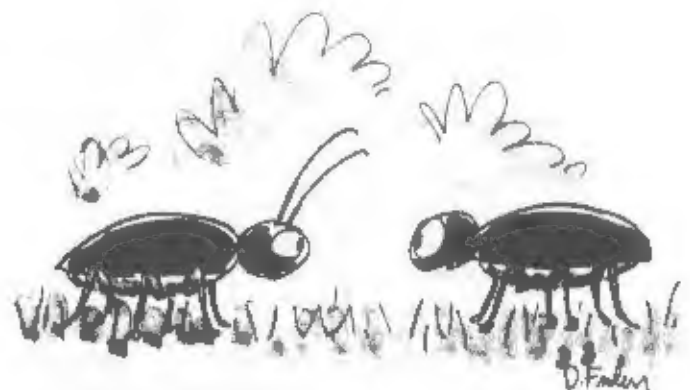
Congratulations to Paul/W0RW for finding the hidden packet Fox located on top of a wooden shed in a Cul De Sac on Sun River Place in the Briargate housing area by driving the shortest amount of miles.

The fox consisted of a FT-727R HT running .5 watts on 147.45 MHz and a KPC-1 TNC with a beacon packet signal being transmitted every 10 seconds. From the starting point at Palmer Park in Colorado Springs to the hidden fox location selected by Doug/N4TGO was a total of 6.8 miles. The Fox signal at the starting point was very weak, and could only be heard through a beam or 5/8 wave antenna.

Greg/WA2OOD and his son Steve, found the Fox within 28 minutes using a neat little doppler tracking device, his total miles to the fox was 10.7. Next on the scene was Paul/W0RW at the 32 minute mark, Paul used a 4 element beam mounted to his vehicle and found the Fox by driving only 10.5 miles. Around the 43 minute mark, Malcolm/KE9S and myself (Doug/N4TGO) arrived at the Fox. Malcolm was also using a 4 element beam and was able to hunt the Fox down by driving only 10.3 miles, however, due to the time used up in demonstrating fox hunting techniques to me, I disclosed the actual transmitter location to Malcolm when he was about 200 yards from it.

It was a great Fox hunt and learning experience! The next hunt is scheduled for August 15th starting around 10 AM at Memorial Park in Colorado Springs on 147.45 MHz simplex. If you are interested in participating in this hunt or hiding a transmitter, please contact Doug/N4TGO. NOTE: Anyone can be the Fox, you can even transmit from your house or car, all we need is a signal and a few minutes of your time...HI HI!!!

TNX CUL 73 Doug



"I don't need my antennae anymore. I have cable."

Dits and Bits

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Bought new HF rig so the following is For Sale:

HF Equipment Heathkit HW-101 80-10 Meters, SSB/CW Matching Speaker, PS Opt. Digital Display 180 Watts, \$275

Heathkit SB-104 80-10 Meters, SSB/CW Digital Broadband Includes Microphone 100 Watts, \$350

Radio Shack HTX-100 10 Meter SSB/CW 5 to 25 Watts 10 Meter mag-mount \$150

Steve Westby, WB7VHR 570-1070

For Sale:

Ham 'M' rotor w/ control box and cable.

Mosely TA-33 Classic tri-band beam. 10-15-20M

4 sections of Rohn tower.

Cushcraft 2-meter beam

\$235.00 Located at: 712 24th St. Colorado Springs

Call Elmer 471-7328

For Sale:

Cushcraft A50-5 long boom six meter beam. Like new condition \$100

Tonna 55 ele 1296 MHZ beam \$50

1990 US & International Callbooks \$7.50 ea. or \$12 for both.

IBM compatible 286 computer 10Mhz w/ math co-processor. 2-5 1/4 floppy drives; 2-30meg hard drives. VGA video card, 2 serial, 1 par. port; Bus mouse. (Logitech) 1-meg on board RAM. Panasonic KX-P1091i printer. CGA Monitor and card included. 101 key enhanced AT keyboard. Hundreds of disks or software included with system purchase. \$699 complete or may separate. Consider trade for Laser printer.

Azden PCS 6000H 50 watt 2-meter mobile transceiver. \$275.00

Radio Shack VHF/UHF TV antenna like new \$30

Call Ron, NK0P 593-8352

For Sale:

XT clone, CGA color monitor; 2- floppies, 640K mem. \$225 Call Al NOCMW 473-1660

COMMITTEE CHAIRPERSONS, ETC.

Publicity:	Al Craig N2IWZ	594-9288
Membership:	Les Borst KC0NC	634-3995
Education:	Allen Bailey	597-8514
VE Testing:	Chris Smith NX0E	495-0624
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Club Trailer:	Steve Westby WB7VHR	570-1070
Newsletter:	Ron Deutsch NK0P	593-8352
Club Historian:	Al Craig N2IWZ	594-9288

OPERATING EVENTS

Rick Brown - KD0SU

July 1992

11-12 July, IARU HF Championship. 1200Z Saturday to 1200Z Sunday. Details in July 92, CQ magazine or April 92, QST.

August 1992

1-2 Aug. ARRL UHF Contest. Details in July QST

1-2 Aug, North American CW QSO Party. Sponsored by the National Contest Journal. Details in July QST.

1-2 Aug, Ten-Ten International Net Summer Phone QSO Party. Open to all amateurs. Single operator phone only. Detail in July QST.

15-16 Aug, North American SSB QSO Party. See July QST.

15-16 Aug, ARRL 10-GHz Cumulative Contest. Details in Jun QST.



WANTED!!!

Your club needs your help:

- 1) Christmas Party chairperson
- 2) Swapfest chairperson for 1993

Past experience has shown that now is the time to start thinking about these functions.

Interested club members contact any club officer or board member.

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MILEY'S RADIO

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P. P.R.A.A. Picnic

The annual picnic of the P.P.R.A.A.,
Will be held August 16th on a Sunday.

Hot dogs, hamburgers and all the works
"Anytime after 12 noon" says the cooks.

Come to picnic ground #3
At the Air Force Academy.

We want to see all the family there.
We suggest you bring a dish to share.

If A thru M is the start of your last name,
From you a vegie, salad or chips is our aim.

Folks N thru Z may want to bring,
Some fruit or dessert type thing.

The Club provides the drinks too,
All we need is YOU, YOU, and You.

Oh!, and there's a bunch more,
A mini Swapfest and prizes galore.

Committee:

WA0MNL, Rosie 471-9965
N2IWZ, AL 594-9288
And a great group of P.P.R.A.A. volunteers!

BOARD MEETING JULY 13,

1992

Meeting convened at 1900 by Pres Harv at QTH of Rosie WA0MNL AND Russ KB0FNM. Present were KEN N0NKP, HARV WA6YXD, BILL N0NJX, RUSS KB0FNM, ROSIE WA0MNL, LUCI N0GUD, MIKE K0TER, AL N0CMW, AL N2IWZ, RON NK0P.

Picnic will be conducted as usual, it will be AUGUST 16, 1992 at picnic ground #3 at the AIR FORCE ACADEMY.

In a future issue of O-BEAT the club will publish a list of all known open repeaters in the COLORADO SPRINGS area. It is requested that all of the various repeaters let the O-BEAT editor, Ron NK0P phone 593-8352, know names of respective contact personnel.

The board is looking into putting some amateur books into the East library. Note: next board meeting will be on August 9th at QTH of Harv WA6YXD.

There will be no further free subscriptions of O-BEAT to new licensed amateurs. Copies will still be available at classes and at various advertisers.

Mike is looking into getting some up-to-date QSLs for WA0VTU our club call.

The board voted to buy a H F BEAM for use in emergencies and field day for SSB as the one we have is tuned for CW. It will be stored at QTH of our club custodian Mike K0TER.

It was voted to expend a \$100.00 for prizes for club picnic.

No further business meeting adjourned at 20:30

Submitted by AL, N0CMW, PPRAA SEC.

More on the PPRAA Picnic

Be sure to reserve Sunday, August 16 for our annual picnic which will be held again this year at the Air Force Academy, picnic area #3.

1. Don't forget to bring your favorite covered dish or whatever to share. Also whatever type of utensil will be needed to serve it. The following is for your guidance:

- A thru M - Salad, chips, vegies, baked beans, etc.
- N thru Z - Fruit, pie, cake, cookies, candy, larts, donuts, sweet rolls, brownies, French pastry, Italian pastry, any kind of pastry. (You can see where my heart lies.) Note: people in category A - M may switch over if their favorite dish happens to be pie, cake, cookies, etc. No switching from N thru Z will be permitted.

2. Please bring your own table service.

3. Bring lawn chairs so that you don't have to sit around the picnic tables and get fat. (A few of us noble types will take on that task for you.)

4. In order to get a fairly accurate count of the number attending we will have a sign up sheet but only one person in each family or with each group need sign in. Indicate in brackets following your name how many others there are in your party.

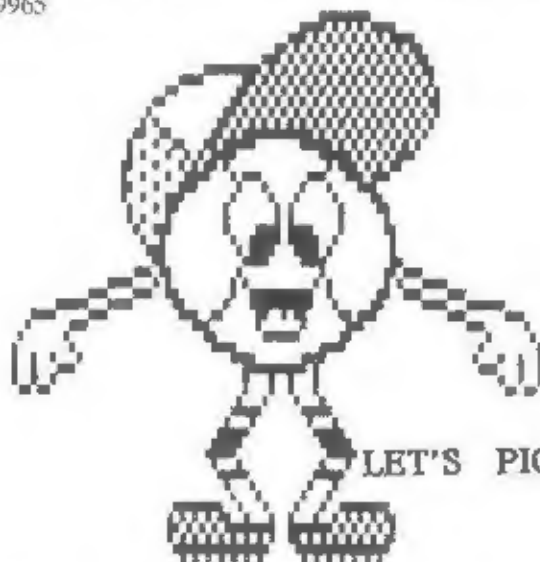
5. We will need a few volunteers to help clean up. Please volunteer. You will be handsomely rewarded with surplus pie, cake, cookies, etc.

6. Talk-in will be on 146.52.

7. If you plan to bring any material to swap please check "five two" as you approach the picnic ground because we are going to try to get all you folks together in one parking area.

Cake & Pastry Committee Everything else

N2IWZ, AL 594-9288 WA0MNL, Rosie 471-9965



SUNDAY AUGUST 16TH

SUNDAY AUGUST 16TH



Voting on By-Law Changes

At the coming August 12th meeting those present will be asked to vote on the proposed By-Law changes as listed in the June, 1992 issue of Zero Beat. To facilitate this, those members present will be provided with the text of each By-Law as it currently reads as well as the proposed amendment. Voting will be by show of hands with the majority prevailing. At the meeting of July 8, during a discussion of the proposed By-Law changes, John Chapman, N0KIC, suggested an addition to the text of one of the amendments, "Unacceptable Behavior".

The following is what appeared on page 3 of the June issue regarding the proposed change:

Section 7. Cancellation of membership

It is proposed to title the existing paragraph as, "a. Failure to pay dues" and add the following condition as

"b. Unacceptable Behavior".

Any member whose conduct is not true to the spirit of Amateur Radio in that he violates the rules established by the Federal Communications Commission in a knowing and willful manner (whether the FCC is involved in the matter or not) and who makes no obvious effort to change his behavior may have his membership canceled by a majority vote of the Board of Directors. The remaining portion of his membership dues shall be returned to him except where his membership was given him at no-charge.

N0KIC's addition is as follows:

The individual will be informed of the action that the Board of Directors is going to take and if he desires can request that his expulsion be voted on by those present at the next regular monthly meeting of the membership. A simple majority of those present at that meeting will decide the matter. In the event that he is expelled - -

The addition would be inserted at the end of the first sentence and the beginning of the second sentence would be modified. Since no one at the meeting objected to this addition and many expressed agreement we will consider it to be an integral part of the proposed By-Law change. The new text will read:

Any member whose conduct is not true to the spirit of Amateur Radio in that he violates the rules established by the Federal Communications Commission in a knowing and willful manner (whether the FCC is involved in the matter or not) and who makes no obvious effort to change his behavior may have his mem-

bership canceled by a majority vote of the Board of Directors. The individual will be informed of the action that the Board of Directors is going to take and if he desires can request that his expulsion be voted on by those present at the next regular monthly meeting of the membership. A simple majority of those present at that meeting will decide the matter. In the event that he is expelled the remaining portion of his membership dues shall be returned to him except where his membership was given him at no-charge.

Al Craig, N2IWZ

Colorado 14er Radio Event

by Bob, KB0CY

The 1992 Colorado 14er Radio Event, sponsored by The Pikes Peak FM Association, will be held Sunday, August 30th. During the event, a group of amateur radio operators will operate portable from the summits of various Colorado 14,000 foot mountains. The operating times will be from 9am to 12 noon local time, the net control station will be located on Pikes Peak. The net control frequency will be 146.55 MHz with adjacent simplex frequencies used for 14er QSO's. During last years 14er event, 18 summits were on the air and between 150 and 200 different stations were heard that day.

Radio amateurs are encouraged to work as many of the mountain top stations as possible. A special event QSL can be obtained by QSLing to the mountain top station's home QTH.

Radio operators with high altitude hiking experience who wish to participate should contact Bob, KB0CY at (719) 488-0859 or 18070 Sunburst Drive, Monument, CO. 80132. To avoid having multiple stations on the same peak, radio amateurs that want to participate must coordinate with KB0CY.

PPRAA Amateur Radio Classes

September 14th and each Monday and Thursday evening at Rustic Hills Mall, T J Max Center.

we will be given the use of the room 6:30 pm to 9:00 pm.

Come to the West entrance of the mall.

These classes will cover Novice and Technician level.

There is no charge.

AD0Z, Allen Bailey, 597-8514 is our club education chairman.

submitted by Rosie, WA0MNL

A Mountain Rescue

Each year members of the Pikes Peak Radio Amateur Association in Colorado Springs, Colorado, join forces with other amateur operators up and down the front range of the Colorado Rocky Mountains to serve as radio communicators for the MS-150 Bike-a-thon. A one hundred and fifty mile bicycle tour that starts in Denver and finishes in Pueblo. The event draws over 2500 riders and raises approximately one million dollars through pledges for the Muscular Sclerosis Association.

This year started off to be fairly routine as we settled in to handle traffic that routed supplies to various rest-stops, dispatched medical personnel, picked up disabled bicycles along the route and generally dealt with the safety of both the cyclists and the public alike. What started as another community service event soon turned into a critical situation.

Early Saturday afternoon, July 11, Fred DeKeyser, N6HVN, standing on a ridge at about 12,000 feet high and 100 miles south of Colorado Springs, broke into our net on a "hand-held" and stated that he had a medical emergency and needed immediate help. When questioned about the nature of the incident Fred reported that he was several hours hike into the Sangre De Christo Mountains on a camp-out with a youth group from his Church and they had encountered a 18 year old young man that had been seriously wounded by an accidental gun shot to the shoulder by a 357 Magnum.

Our MS-150 Net-control operator, Carl Sperry, KA0JEA, immediately notified the El Paso County Sheriff's office. Having overheard the previous conversation between Carl and Fred, Whitney Sullivan, KA0RNC, checked in to offer his services because he lived in a small town at the base of the mountains, Westcliff, Colo. and could establish a direct land-line link with the local Sheriff who would ultimately be in-charge of the rescue.

Direct communications was established and maintained for the next several hours between Carl, Fred, Whitney and the Sheriff's office while medical information was transmitted back and forth from the top of the mountain and a suitable landing site was identified for an eventual helicopter extraction by "Flight-for-Life" from St Francis Hospital in Colorado Springs.

Because of the elevation at the rescue site, the helicopter had to land at the base of the mountains and off load all non-essential equipment, including the flight nurse, just to be able to gain the necessary altitude to reach the clearing where they would eventually find Fred and the victim waiting.

Listening for the engine noise, Fred helped guide the helicopter in and the victim was taken to the hospital after a brief stop to recover their nurse and reload equipment.

From the time Fred made his initial contact, the entire rescue operation lasted about four hours. Had it not been for our mutual interest in amateur radio and given the location and the rough terrain, such a rescue would have taken many more hours and the possible loss of a life.

Well done! Fred, Carl and Whitney.

By:
Harv Sims, WB6YXD
President, Pikes Peak Radio Amateur's Association

Editor's note: This is an article that was submitted to QST after the MS-150 on the weekend of July 11 & 12, 1992.

FCC Proposes Relaxation of Rules Regarding Public Service Work

The FCC has proposed to relax its rules for amateurs to permit some public service communications that are currently prohibited. The proposed changes, in PR Docket 92-136, would give amateurs greater flexibility in providing communications for public service activities such as parades, fairs, and races, as well as for certain personal communications.

The proposed changes were presented at an open meeting of the Commission on June 18, 1992, and are based on recommendations of the ARRL as outlined in March, 1992 *QST*, page 62. In order to protect the non-commercial basis for the amateur service, any communications for hire or for material compensation, direct or indirect, would continue to be strictly prohibited.

The FCC's announcement of the proposal contains one caveat for amateurs. "While eliminating some of the existing restrictions would provide the flexibility to expand public service activities and satisfy the personal communications interests (of amateurs), the potential for commercial exploitation and abuse of the amateur service's allocated frequencies could increase," the Commission said.

FCC Personal Radio Branch (PRB) staffer William Cross told the Commissioners that the pecuniary interest constraints in the current rules often prohibit public service communications by amateurs. Cross said that there had been several petitions for changes in the rules, and that the PRB had chosen the League's version for presentation.

Commissioner James Quello ex-

pressed concern about any alteration of the original intent of the Amateur Radio Service, saying he did not want anything in the proceeding to endanger the Amateur Radio Service's tradition of self-regulation.

Quello, and other Commissioners in turn, then brought up the recent increase in complaints from some amateurs about so-called "indecent" language on the amateur bands. PRB Chief Ralph Haller responded by noting that such speech — on broadcast as well as amateur frequencies — is protected by the First Amendment and is a gray area.

Haller praised the League for its recent survey of young amateurs (see *The ARRL Letter*, June 10, 1992). Haller noted that PRB and other offices within the FCC continue to work on the "indecent" enforcement issue. Haller emphasized that it was only a handful of bad operators that was at issue. He said the vast majority of the 560,000 amateurs obeyed the rules, but that there were a dozen or so bad apples causing the "indecent" complaints.

(Later, at a press conference, Haller noted that the issue of language on the amateur bands had no connection with the proposal being considered.)

Returning to the matter of amending the "business communication" rules, Commissioner Ervin Duggan said his interest was in preserving the original intent of the Amateur Radio Service, calling the proposed rules changes "fraught with implications." He advised "extreme caution," expressing the fear of such things as amateurs transmitting music.

Haller replied that he shared

Duggan's concerns, and that there was no intention to change the character of the Service. Haller noted an absurdity in the rules, saying that when he attended an amateur function recently, his arrival was announced locally on Amateur Radio — and that was a violation of the rules!

Finally, Chairman Alfred Sikes praised the League for its initiative in suggesting the rules changes, and said that Commissioner Quello has been a supporter of amateurs right along, while agreeing with Quello that nothing in the rules changes should be allowed to damage the integrity of the Amateur Service or the fundamental self-policing aspect of it.

At this point, the Notice of Proposed Rulemaking, incorporating changes in FCC Rules Part 97.113 as generally suggested by the ARRL, was approved unanimously by the Commissioners.

Following the meeting, Haller was asked several questions, one of which was whether, for example, cellular telephone companies would complain about increased use of Amateur Radio for personal affairs involving autopatch or phone patch use. Haller said that the volume of this kind of traffic was so small as not to be a problem, and that it was an incidental part of Amateur Radio.

The comment deadline for PR Docket 92-136 has been set for October 1, 1992, with reply comments due by December 1. The text of the NPRM is set for release around July 2.

Additional background on this topic appears in "It Seems to Us," on page 9 of *QST* for December, 1991.

GENERAL MINUTES

JULY 8, 1992

Meeting was called to order by President. Harv WA6YXD by each one introducing themselves with their call and if new ham or 1st time to club. Minutes for June approved as printed in OBEAT.

Treasurers report:

Previous \$2123.43,
Income \$322.00 ,expenses \$1269.39
Balance \$1176.04.

Committee reports:

PUBLICITY:

AL N2IWZ Meeting publicized in Gazette and on radio.

EDUCATION:

AL A1X0Z Next classes for Novice & Tech start Sept. 14 at Rustic Hills South now known as T.J. MAX CENTER, at 7 p.m.,

V E TESTING:

CHRIS NX0E next session on Sept. 12 at CHAPMAN COLLEGE.

RFI:

BILL N0N1X nothing to report.

RACES:

DOUG WB0MHP Training has been changed to July 23. He has a new call up roster.

ARES:

JOHN N0K1C MS150 this coming Saturday. Keep checking into nets Tuesday 7pm 14.697; 147.345. HF NET Sunday 8am 3.928. Sunday at 08.30 am the Eastern Slope net on all Colorado connection repeaters.

SKY WARN:

STEVE WB7VHR Thanks to all who have chased the bad weather, training this coming Friday at Disaster Emergency Center.

PUBLIC SERVICE:

MIKE K0TER Thanks to all who helped on Hill Climb and also past events. Field day was a great success thanks to all who worked so hard on it, setting up, tearing down, and operating the stations, and not to forget the cooks who served up a nice Sunday Breakfast. 592 CW contacts, 550 SSB contacts, 42 on novice-tech station, 84 on satellite, solar power on VHF several contacts packet station, and others the secretary may have missed total points 4,400.

CCARC:

OAK K0ROL NOTHING NO MINUTES RECEIVED

O-BEAT:

RON NKOP 21 July deadline for next issue, check roster in O-BEAT and fill out application blank and mail it to P.O.BOX and it will get to the membership committee chairman.

OLD BUSINESS:

By-law changes were discussed and tabled to next month for voting as each person eligible to vote will have a copy.

NEW BUSINESS:

HAMI was awarded to JOHN, N0K1C for service beyond call of duty, (note: JOHN, return it next meeting)

PICNIC will be August 16th at picnic area 3 at AIR FORCE ACADEMY. Bring salad or desert. There will be a tailgate mini swapfest.

The Gorgeous Amateur Ladies Society will not have a get together in August.

Next board meeting has been changed to qth of Rosie WA0MNL on Monday July 13.

PROGRAM:

Radio Controlled Sailplanes put on by Gregg WA2OOD, AND OPI BARRY, BOB AVERY AND LARRY FARMER. They had various different sizes and models of sailplanes and radio equipment and launchers it was a very enlightening and interesting program.

Meeting adjourned at 2100.

submitted by AL N0CMW SEC PPRAA.

ARNS

Mountain Top

Ham on mountain, tower on top,

Can the pileups always pop.

Ham in flatland—you and I—

Stuck with noise and TVI,

May eventually wrinkle through.

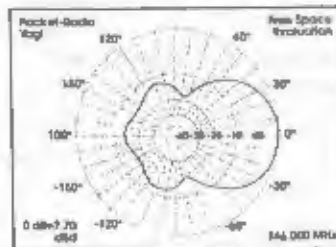
I do sometimes; so do you.

But not with ease and not with grace;

A mountain is a wonderful place.

—AF6S (1991)

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Membership Application PIKES PEAK RADIO AMATEUR ASSOCIATION, INC.

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